

Method and Apparatus for Reducing Adhesion and Abrasion When Printing on a Thermal Printer

Abstract

A method of reducing adhesion and abrasion when printing tickets on thermal printers which uses a series of fluoradditive and/or fluorosurfactant chemical additives which, when added to the ink, eliminates the tackiness and the resulting adhesion. Alternatively, instead of adding these additives to the ink, these same chemicals may be added to the protective coating on the print head and will also prevent the ticket from sticking to the print head when used in this manner. The chemical additives, also result in reduced friction which is generated by moving the print media past the print-head under pressure. The chemical additives are fluoradditives and/or fluorosurfactants.